

**Notice of Allowability**

Application No.

10/759,571

Examiner

Michael A. Friedhofer

Applicant(s)

LIM, HEUI-DO

Art Unit

2832

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.


1. ☐ This communication is responsive to \_\_\_\_.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☐ The drawings filed on \_\_\_\_ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☒ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 0913.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_

  
MICHAEL FRIEDHOFER  
PRIMARY EXAMINER

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In claim 1, line 3 replace "provided to" with --provided on--.

In claim 1, line 6 replace "provided to" with --provided on--.

In claim 1, line 9 replace "first contact part" with --of said first contact parts--.

In claim 1, line 11 replace "second contact part" with --of said second contact parts--.

In claim 1, line 13 replace "provided to" with --provided on--.

In claim 2, line 1 prior to "first" insert --at least one--.

In claim 2, line 2 prior to "one" insert --said--.

In claim 2, line 2 prior to "second" insert --at least one--.

In claim 2, line 3 prior to "one of said rows" insert --said--.

In claim 3, line 2 prior to "first contact" insert --at least one--.

In claim 3, line 3 prior to "one" insert --said--.

In claim 3, line 4 prior to "second" insert --at least one--.

In claim 3, line 4 prior to "one" insert --said--.

In claim 6, line 2 replace "its" with --a--.

In claim 7, line 3 prior to both occurrence of "through", insert --at least one--.

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In claim 7, line 4 prior to "contact" insert --at least one--.

In claim 9, line 1 after "patterns" insert --of said flexible circuit--.

In claim 10, line 2 replace "the bottom part" with --a bottom part--.

In claim 10, line 3 replace "the top part" with --a top part--.

2. The following changes to the drawings have been approved by the examiner:

Figures 1-5 must be labeled "Prior Art". In order to avoid abandonment of the application, applicant must make these drawing changes.

3. The following is an examiner's statement of reasons for allowance: The prior art does not teach or suggest a key pattern connecting device for a domed metal switch including a plurality of first and second contact parts arranged in a key matrix on a main board with a plurality of domed metal keys provided on the surface of the contact parts and a flexible circuit attached to the main board in such a manner that the domed metal keys project through the flexible circuit in which the flexible circuit has a plurality of connection patterns formed thereon such that the connection patterns are in contact with the dome metal keys.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael A. Friedhofer whose telephone number is 571-272-1992. The examiner can normally be reached on Mon-Fri 6:00 - 2:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Elvin Enad can be reached on 571-272-1990. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read "Michael A. Friedhofer", written in a cursive style.

Michael A. Friedhofer  
Primary Examiner  
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maf